PATENT COOPERATION TREAT

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

See stem 4 below

Priority date (day/month/year)

26 July 2005 (26.07.2005)

FOR FURTHER ACTION

international filing date (day/month/year)

25 July 2006 (25.07.2006)

applicability

Lack of unity of invention

Certain documents cited

Applicant's or agent's file reference

Box No. III

Box No. IV

Box No. V

Box No. VI

Box No. Vii

Box No. VUI

4313-4010FC International ambiention No.

PCT/IB2066/002026

	cunt IEST LTD.
١.	This international prolaminary report on pasentability (Chapter 1) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 his 1(a).
	This REPORT convince of a total of 6 sixets, including this cover sheet.
	In the attached sheets, my reference to the written opinion of the International Searching Authority should be read as a reference to the international preferance report on potentiability (Chapter I) instead.
3	This report contains indications relating to the following items:
	Box No. t Basia of the report
	Stry No. 13 Principles

Non-establishmens of opinion with regard to novelty, inventive step and industrial

applicability, citations and explanations supporting such statement

Rescored statement under Article 35(2) with regard to neverty, inventive step or industrial

 The Interestional Bureau will communicate this report to designated Offices in accordance with Rules 446w. 3(c) and 936w.1 but not, except effect the applicant makes an expense request under Article 23(2), before the expiration of 30 assults from the prisons due (Rule 446w.2).

Certain observations on the international application

Curtain defects in the international application

	Date of issuance of this report 27 November 2008 (27,11,2008)
The International Bureau of WIPO 34, chemin des Colombates 1211 Geneva 20, Switzerland	Authorized officer Cecile Chatel
Pacsomir No. +41 E2 338 82 70	e mail: yo.dr@wipc.ini

PC1/1B200

PATENT COOPERATION TREATY

VTERNATIONAL SE To:				neir
DORGTHY R. AUTE				rui
MORGAN & FINNS WORLD FINANCI				
NEW YORK, NY 1	281-2101			WRITTEN OPINION OF THE
		` '	INTERN.	ATIONAL SEARCHING AUTHORITY
				(PCT Rule 43bis.1)
			Date of mails	
Applicant's or agent's	Sle reference		(day/morah/y	ER ACTION
313-4016PC			PON PORTE	See paragraph 2 below
memaional application	n No	International filing de	sta 66m (mmyhdusa	
CT/1895/02028	24 3 410.5	1		
	oxidantino men	25 July 2006 (25.07.) or both national classifi	2(6/6)	26 July 2005 (2d.07.2005)
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PC: ABIN 43/00(SPC: 514/183	2005.01);A61K	31/33(2006,01)		
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	no massilling ic	-arraft as the 1000MIDE II	resses.	
Bux No. 1	. Basis of th	e opinion		
Box No. II				**
5	Priority			
Box No. III			regard to sovelty,	inventive step and industrial applicability
Box No. IV	Lack of un	aty of invention		
Box No. V		statement under Rule 43/ ty; citations and explanat		ud to nevelty, inventive step or industrial di statement
Box No. VI	Certain doc	numents cited		and the same of th
Box No. YE	Certain def	fects in the international	application	·
Box No. VI	A Certain obs	servations on the interna-	tional application	
FURTHER ACT	ION			
		sinary examination is m	ade this minion o	offi be considered to be a written applican of the
International Prefer Authority other dua	sinary Examinin a this one to be t	ox Asshority ("IPEA")	except that this do IPEA has notified	oes not apply where the applicant chastes an
IPBA a written top	ly together, who	ere appropriate, with a	meadaents, before	r IPEA, the applicant is invited to submit to the the the expiration of 3 months from the date of
maning of Form PC	T/15A/220 or bo	fore the expiration of 22	2 months from the	priority dine, whichever expires later.
For further options,	see Form PCT/I	ISA/220.		
	*			
	ee notes to Forn	a PCT/ISA/220.		
. For further details, :		S Date of compl	letion of this	Authorized edicar
3. For further details, :	us of the (SAI II		twenter the CHES	Taleria Loui-How
ome and mailing address Mail Step PCT,	Atta: ISA/US	opinion		1 March March 150 / 100
me and mailing addre Mail Step PCT, Commissioner fo	Atta: ISA/US	opinion		Market Market
me and mailing addre	Attac ISA/US r Patents		(12.06.2008)	Telephone (No. (571) 272-1600

PCT/IB200F 792028 29.07.2008

	WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY	International application No. PCT/1806/02028
Box N	io. I Basis of this opinion	
1. Wish	regard to the language, this opinion has been established on the basis the interesticized application in the language in which it was it a crasslation of the international application into	filed
2. 🗀	purposes in international search (Rules 12.3(a) and 23.1(b)). This opinion has been established taking into account the rectificants Authority under Rule 91 (Rule 43bis.1(a))	on of an obvious mistine anthorized by or restified to the
 With estab 	regard to any marketide and/or amino acid sequence disclosed linked on the basis of:	in the international application, this opinion has been
в.	type of material	
	3 sequence listing	
	index(s) related to the sequence listing	
ь.	format of material on paper	***************************************
	in electronic form	***************************************
c.	time of filing/furnishing	
	contained in the international application as filed.	
	[] filed together with the inturnational application in electronic f	form.
	furnished subsequently to this Authority for the purposes of so	anch.
· 🗆	in addition, in the case that more than one version or copy of a see filted or furnished, the required statements that the information in the application as filted or does not go beyond the application as filted	e subsequent or additional copies is identical to that in
. Aces	ional comments:	
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	PO	1/(02000/ 2020 2:	3.07.2000
	OPINION OF THE SEARCHING AUTHORITY	huernstonal application No. PC171606/02028	
Box No. III Non-establishm	ent of opinion with regard to novel	ty, inventive step and industrial a	pplicability
The questions whisher the claim industrially applicable have not	ned invention appears to be novel, to inv been examined in respect of:	olve an inventive step (to be non-obvic	us), or to be
in the carire increational a	oplication		•
Chairms Nee. 32:37			
becatate; .	•		
the said international appropriate an international of	dication, or the said claim Nos curch (specify):	relate to the following subject matter	s which does not
the description, chains of meaningful opticion could	r drawings (Indicate porticular elements i 1 be formed (specify):	below) or said claims Nos. 32-37 are s	unclear that no
Ciaims 32-37 are impropinguarial applicability.	er multiple dependent claims, and thus w	ere not examined with respect to novel	ty, inventive step, o
	•		,
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the dialons, or said dialons could be formed (specify,		sported by the description that no meas	singful opinion
	, ,		•
no international search is	sport has been established for said claims	Nos.	
a meaningful opinion prescribed date limit:	could not be formed without the s	equence listing; the applicant did	not, within the
Administrative	mee listing on paper complying wit Instructions, and such listing was not		

farmish a sequence listing on paper complying Administrative Instructions, and such listing was a to a form and manner acceptable to (t. furnish a sequence listing in electronic form complying with the standard provided for in Annex C of

the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it. pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13/er.1(a) or (b).

a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form conjetying with the technical requirements provided for in Amex C-bis of the Administrative Instructions, and such tables were not

available to the International Searching Authority in a form and manner acceptable to it. the tables related to the nucleoride and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Amer C-bix of the Administrative Instructions.

See Supplemental Box for further details.

orm PCT/ISA/237 (Box No. III) (April 2007)

PCT/IB200° 702028 29.07.2008

WRITTEN OPINION OF THE INTERNATIONAL SHARCHING AUTHORITY

bitemational application No. PCT/IB05/02028

Box No. V Reasoned statement under Ru applicability; citations and exp			o or industrial
!. Statement			
Novelty (N)	Claims	Please Sea Continuation Sheet	YE
	Claims	Please See Continuation Sheet	NO
Inventive step (IS)	Claims	Please See Conferentian Sheet	YES
	Claims	Please See Continuation Sheet	NO
ladustrini applicability (IA)	Claims	Please See Continuation Sheet	YES
	Claims	Please See Continuation Sheet	NO

2. Citations and explanations:

Châme 1, 4-8, 10-16, 20, 24, 27-29, 38, and 41 lack novely unter PCT Article 32(2) as being anticipated by Shi et al. 1(2) of 57(7), 46(5). Shi et al. 1, taches consequentiating the active ingenetication is a lipsonome (col 83) and snephes algiful not (170) as well as militaranyola and 5-flavouronic (col 51-32) and pacifitated (col 119). Shi et al. teaches particle stary) of DF microns and lower (col 170) and they entain the transferred or their invention for treatment of technology-reperturbon interpret (col 91-92).

Caima 7.3. 9, 17-19, 21-23, 28-26, 30-31, 38-40, 42-45 lack an inventive sep under PCT Article 33(3) as being covirous over Shi et al. (128 6.770.466) in view of Damuchory et al. (108 20.700.0539) A). Shi et al. teaches encapsulated Selvice ingredients in hippoteness, however they do not such encededed or particulated ingredients. Damethery et al. teaches encapsulated Sulphosphates, enflectful Singhosphates, and particulate Sulphosphates (page 3 [0023]). They further teach that these Sulphosphates can be used to treat represental influenciate (claim 48). They also heach plotteromate, one of the biginosphates colained by explicant in claim 19 (page 4, [0035]). Denocherg et al. further teaches (prospective, microparticles, anatoparticles, and agregates (page 3, (0025)). Since both methods at neural resulting reported inflatories, and internetive representation (page 3) and both have service ingredients encapsulated in lipsomes, it would be obvious for one of exclinary skill in the art at the time of the invention to also was the Surrelations of Thomasheyer et al., in the method of Shi et al.

Claims 1-31, 38-43 most the criteria set out in PCT Article 33(4), and thus have industrial applicatility because the subject matter claimed can be made or used in industry for treatment of heart related disorders and as a drug delivery agreem.

Form PCT/ISA/237 (Box No. V) (April 2007)

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Supplemental Box						

is case the space in any of the preceding boxes is not sufficient.

V.1. Reasoned Statements:

1. Accounted Seaturescry

The optimina as to Novelby was positive (Yes) with respect to claims 2-3, 9, 17-19, 21-22, 25-26, 50-31, 39-40, 42-43

The optimin as to Novelby was negative (No) with respect to claims 1, 4-8, 10-16, 20, 23-24, 27-29, 38, 41

The optimina as to Timenfow Slep was negative (No) with respect to claims NONE

The optimina as to Industrial Applicability was positive (Yes) with respect to claims 1-31, 38-43

The optimina no Industrial Applicability was positive (YES) with respect to claims NONE

The optimina no Industrial Applicability was positive (YES) with respect to claims NONE

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file testerence 4313-4010PC		Furm PCT/ISA/220 ere applicable, ium 3 below
International application No. PCT/IB96/02028	International filing date (day/month/year) 25 July 2006 (25.07.2006)	(Earliest) Priority Date (day/month/year) 26 July 2005 (26.07.2065)
Applicant SIOREST LTD	,	
applicant according to Article 18. A ct This intermational search report consists It is also accompanie 1. Basis of the Report a. With regard or the language, th the international a unastation of t	d by a copy of each prior art document cite thermational search was carried out on the b application in the language in which it was fil the international application into	d in this report. usits of: ed. , which is the
of a translation of a translation in the translation is authorized by or notified in c With regard to any nucleon 2		the rectification of an obvious mistaks
	•	
5. With regard to the abstract, the sext is approved as sub- the text has been establishe pay, within one month from	d. according to Rule 38.2(b), by this Authoric	y as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.
as suggested by the as selected by this as selected by this	published with the abstract is Figure No	egest a figure.

Form PCT/ISA/210 (first sheet) (April 2007

PCT/IB2009/002028 29.07.2008

TACKETT A GEOGRAPHY	CEADOH DEPORT	

International application No.
PCT/IB06/02028

	ional search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons
and onearing	South search tebout has not been estimationed in testing of certain chains miner venture, a debite on me common to common
	Casina Nos.:
· · · · · · · · · · · · · · · · · · ·	because they relate to subject matter am required to be searched by this Authority, namely.
	· · · · · · · · · · · · · · · · · · ·
. [7]	Claims Nos.:
	because they relate to parts of the international application that do not comply with the prescribed requirements to
	much an extent that no meaningful international search can be carried out, specifically:
1521	
. [23]	Claims Nos.: 31-37 because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule
6.4(a).	Access they are populated and the me and all the access to access the access
lox No. II	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
CA : 101 A	Contribution and a second of the second of t
	*
. []	As all required anditional search fees were timely paid by the applicant, this international search report covers all searchable claims.
tunna	cearchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.
	searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search repor covers only those claims for which fees were paid, specifically claims Nos.:
	searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search repor covers only those claims for which fees were paid, specifically claims Nos.:
emark on	searchable claims, and all assemble claims could be searched without effort juxifying additional fees, this Authority did not invite, payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Not.: No required additional search fees were timely paid by the applicant. Consequently, this international search report restricted to the investion first mentioned to the claims; it is covered by claims Not.: Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
. C	coartchaile claims. As all assurable claims could be searched without effort justifying additional fees, this Authorisy did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: No required additional search fees were simely paid by the applicant. Consequently, this international search report restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest but the applicable protest.
. C	searchable claims. As all assertable claims could be searched without effort juxtifying additional fees, this Authority did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: No required additional search fees were dinely paid by the applicant. Consequently, this international search report restricted to the invention first mentioned to the claims; it is covered by claims Nos.: Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

	INTERNATIONAL SEARCH REPORT	International application No PCT/IB06/02028	
A. CLA	SSIFICATION OF SUBJECT MATTER AGIN 43/99(2006.01).A61K 31/33(2006.01)		
USPC: According to	\$14/183 International Patent Classification (IPC) or to both national classific	cation and IPC	
B. FIEL	DS SEARCHED		***************************************
Minimum do U.S.: 5	scumentation searched (classification system followed by classificate 14/183	on symbols)	
Electronic di	on searched other than minimum documentation to the extent that so the base consulted during the international search (name of data base continuation Sheet		
DOC	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of	the relevant passages	Referant to claim No.
×	US 6,770,466 B2 (Shi or al.) 3 August 2004 (03.08.04), col. 51, 120, col. 83, lines 10 thru col. 83 line 20; columns 91-92; col. 180 col. 173 lines 5-11; col. 174 lines 10-45;	ine 64 thru cot. 52 line	1, 4-16, 20, 23-24, 27- 29, 31, 38, 41 2-3, 17-19, 21-22, 23- 26, 36, 39-40, 42-43
У	US 2004/0255391 A1 (Dänenberg et al.) 30 December 2004 (30, and claims 29, 68.	12.04), page 3 (0028),	2-3, 17-19, 21-22, 34- 39, 39-40, 42-43

***********	Special categories of cited documents.	290	land document published after the international floor deat or prior data and not to conflict with the application but clerk to internated
***	document defining the general state of the ort which is not condidered to be		the presente or theory underlying the invention
	of puriodic relevance	*×*	document of particular relevance: the elament invention Cause: be
85	earter application or priorit published on or effer the international filling date		applied of the document of the considered to involve an investor of the property of the contract of the contra
i gan	decreases which also there who are principle classified as which is sized to establish the publication does of another classion of other special reason (as specified).	.4.	determines of particular selevantes the classed investion cannot be considered to involve an investive and where the decision is combined with one or more other such documents, such aproximat being deviate to a person skilled to the or
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See patent family annex.

document member of the core patent tamby

later document published after the international filing date or priority

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Date of mailton of the interpolational scarch report 2 9 JUL 2008
Authorized traces / 1 A D D 12 June 2008 (12.96.2008) Name and mailing address of the ISA/US

d maning underst of the LAAV.
Mail Stop PCT, Aus: ISA/US
Commissioner for Paulus
F.G. Box 1450
Alexandria, Virgonia 22313-1450 Telephone No. (\$71) 272-1600 Pagsimile No. (571) 273-3201

Form PCT/ISA/210 (second sheet) (April 2007)

Further documents are listed in the continuation of Box C.

PCT/IB20^5/002028 29.07.2008

INTERNATIONAL SEARCH REPORT	International application No. PCT/1806/02028
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Continuation of B. FIELDS SEARCHED Item 9: EAST, CAPLUS, MEDIAINE, DRUGU, EMBASE, BIOSIS Search Terms: embedded highosphate, encapsulated bisphosphate, particulate bis citedronate, microparticles, aggregates, imposome	phosphate, ischem-reperfusion injury, aspirin.
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